

					Cow Creek WMSA
		PRELIMINARY: SUBJECT TO REVISION			Clover Creek
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					12/12/08 KT
CLOVER CREEK					
(Schedules 2 & 4, Decree No. 6904)					
DWR Tract	Present Owner	Decreed Owner	Diversion Name and Number	Source	Water Right (cfs)
18	Collins, Jack	Worley, V. & A.	#1 Worley	Silver Creek	2.00
19 1/	Collins, Jack	Weigert, E. G.	#3 Bonde #5 Rodgers	Clover Creek "	0.05 0.25
				Tract 19 subtotal	0.30
20-1	Cole, Stephen	Ray, A.	#2 Guttman	Clover Creek	0.65
20-2	Vince, Mike & Susan	"	"	"	0.35
				TR 20 subtotal	1.00
21 2/	Whitney Ranch Trust	Thomas, E.	#2 Guttman	Clover Creek	0.85
22	Lindsay, C. W.	Lysinger, M.	#3 Bonde	Clover Creek	0.65
38	Rodgers, Frank	Love, R.	#3 Bonde	Clover Creek	0.65
23-1	Burnham, Paul	Wright, R.	#4 Mill	Clover Creek	0.14
23-2	McGarvey, Michael & Kat	"	"	"	0.26
				Tract 23 subtotal	0.40
37-1	Swain, Victoria & Allan	Burdick, J.	#4 Mill	Clover Creek	0.276
37-2	Frisbie, Ray	"	"	"	0.012
37-3	Hanks Rachael	"	"	"	0.012
				Tract 37 subtotal	0.300
39	Carrington Family Trust	Anderson, J. B.	#4 Mill	Clover Creek	1.20
40	Carrington Family Trust	Wheelock, F.	#4 Mill	Clover Creek	1.50
49 3/4/	Carrington Family Trust	Hall & Fugitt	#3 Bonde	Clover Creek	0.66
50 4/	Carrington Family Trust	Klinger, H.	#4 Mill	Clover Creek	0.60
61-1	Elam, John	Sheridan, E., A., & J.	#4 Mill	Clover Creek	0.135
61-2-1	Wahl, Kenneth	"	"	"	0.067
61-2-2	Struckman, Glenn	"	"	"	0.068
				Tract 61 subtotal	0.270
63 4/	Shufelberger, Alan	Sheridan, J. S.	#4 Mill	Clover Creek	0.27
4/5/					
62-1	Shufelberger, Alan	Stacher, W.	#4 Mill	Clover Creek	0.247
62-2	Harr, Randall	"	"	"	0.013
				Tract 62 subtotal	0.260
36-1	Ross, Danny & Angela	Maxwell, J. W.	#6 Maxwell	Wyndham Creek	0.335
36-2	Ross, Danny & Angela	"	"	"	0.0147
				Tract 36 subtotal	0.350
42 6/	Wendt, B.	Ide, D. & A.	#9 Welch - Nailor	Clover Creek	0.045
43 6/	Somers, T. & Wendt, W.	English, E. C.	#9 Welch - Nailor	Clover Creek	0.24
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CLOVER CREEK					
(Schedules 2 & 4, Decree No. 6904)					
DWR	Present	Decreed	Diversion Name		Water Right
Tract	Owner	Owner	and Number	Source	(cfs)
6/					
47-1	Axner, Peggy	Axner, O. & A.	#9 Welch - Nailor	Clover Creek	0.36
47-2	Murphy, 2000 TR	"	"	"	0.36
				Tract 47 subtotal	0.72
53 6/	Anderson Gene & Merle	Rice, Cora	#9 Welch - Nailor	Clover Creek	0.31
54 6/	Volbrecht Family Trust	Ensley, Esther	#9 Welch - Nailor	Clover Creek	0.41
57 6/	Snider, R. E.	English, E. C.	#9 Welch - Nailor	Clover Creek	0.63
				Welch-Nailor decreed subtotal 10/	2.36
					Should be 2.15???
91 7/	Rosenquist, R. P.	Rosenquist, R. J. (APN 098-390-003)	#9 Welch - Nailor	Clover Creek	0.01
95 7/	Mills, John	Leight, W. J. (APN 098-390-012)	#9 Welch - Nailor	Clover Creek	0.01
90 7/	Marshall & Tocmakidis	Marshall, T. R. (APN 098-390-002)	#9 Welch - Nailor	Clover Creek	0.01
94 7/	Miller, William	Worthen, H. D. (APN 098-390-010)	#9 Welch - Nailor	Clover Creek	0.01
92 7/	Fitzgerald, Danny	Solomon, T. L. (APN 098-390-004)	#9 Welch - Nailor	Clover Creek	0.01
93 7/	Calin, Bruce;Paeske,C.	Solomon, T. L. (APN 098-390-005)	#9 Welch - Nailor	Clover Creek	0.01
				Welch-Nailor Ditch subtotal	2.42
41	8/	Yordy, Jay	#10 or 11	Clover Creek	0.40
60	Shufelberger, Alan	Covey, D.	#15 Covey	So. Clover Creek	0.25
64 9/	Oilar, Chad	Reineke, M.	#12 & 13 Hufford	Clover Creek	0.70
66	Shufelberger, Alan	Stacher, W.	#19 Slaughter Pole	Slaughter Pole Creek	0.40
67	Shufelberger, Alan	Harper, A.	#16 Harper	So. Clover Creek	0.25
68	Shufelberger, Alan	Hunt, J.	#17 & 18 Hunt	So Clover Creek	0.40
65	Shufelberger, Alan	Rice, J.	#20 Rice	So. Clover Creek	0.15
			#21 Rose Briar	Rose Briar Creek	0.70
				Tract 65 subtotal	0.85
69 9/	Oilar, Chad	Reineke, M.	#22 & 23 Reineke	So. Clover / Clover Cr.	1.40
70	Shufelberger, Alan	Hunt, D.	#24 Webb	Clover Creek	0.35
71	McArthur, George	Hufford, J.	#25 pump	Clover Creek	0.02
86	Millville Ditch Co.	Millville Ditch Co.	#26 Millville	Clover Creek	4.40
				GRAND TOTAL 10/	24.31

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					Clover Creek
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CLOVER CREEK					
(Schedules 2 & 4, Decree No. 6904)					
Notes:	1/ Water rights for Tract 19 are currently diverted through the Worley Ditch.				
	2/ Includes 0.23 cfs transferred from Tract 49. See Shasta County Official Records Book____, Page ____.				
	3/ Does not include 0.23 cfs transferred to Tract 21. Water rights for Tract 49 are currently diverted through the Mill Ditch.				
	4/ Tracts 49, 50, 61, 62, & 63 were also decreed water rights to the irrigation runoff from Tracts 39 and 40 and the waste water from the Anderson Sawmill that collects in Anderson Swale (see paragraphs 6 and 7, Decree 6904). See letter from Ed Barnes (Supervising Watermaster) to watermaster files dated July 6, 1966 regarding the changes in irrigation practices for Tracts 39 and 40 and an agreement between the affected parties to accommodate these changes. The method of distribution for this water right is shown on page 4 of 4. These water rights are not included in watermaster billing.				
	5/ The water right for Tract 62 from Anderson Swale can be diverted from Wildcat Creek in lieu of Anderson Swale up to a maximum of 0.60 cfs if water is unavailable from Anderson Swale. See paragraph 7, Decree 6904. Anderson Swale and Wildcat Creek water rights are not included in watermaster billing.				
	6/ Tracts 42, 43, 47, 53, 54, and 57 divert water from Clover Creek by the Welch-Nailor Ditch and convey the water to the Welch-Strayer Ditch located within the Oak Run Creek Basin. The decreed irrigated acres from the Welch-Nailor Ditch are not the same as from the Welch-Strayer Ditch, but can be located within the same DWR Tract as the Welch-Strayer irrigated acres. See Oak Run and Clover Creek Decree Maps.				
	7/ These are undecreed riparian water rights from Clover Creek and divert through the Welch-Nailor Ditch. They are recorded in Shasta County Official Records Book 2380, Pages 134 - 160 dated 10/8/87. These rights are included in watermaster billing.				
	8/ The water right for Tract 41 has not been under watermaster service since 1954 and is not included in watermaster billing. See Shasta Countybook 805, page 335, 336.				
	9/ Water rights for Tracts 64 & 69 are currently diverted through the Millville Ditch.				
	10/ Welch Nailor ditch decreed subtotal has been checked and is accurate for the tracts listed.				
	11/ 23.32 minus 0.06 (riparian for Tracts 90 - 95) plus 0.33 (portion of Schedule 4 from Wildcat Creek for Tract 62) equals 23.59 (total for Schedule 4).				

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CLOVER CREEK									
		Runoff FromTracts 39 and 40 to Anderson Swale							
			Percent						
		Month	100	80	60	40			
		April	0.79	0.63	0.45	0.27			
		May	0.64	0.46	0.30	0.12			
		June	0.53	0.35	0.18	0.01			
		July	0.48	0.31	0.14	0.00			
		August	0.50	0.33	0.16	0.00			
		September	0.65	0.48	0.30	0.13			
		October	0.78	0.61	0.44	0.26			
	Rodgers, Frank								
	The above chart shows the amount of expected runoff to Anderson Swale for Tracts 61, 62, & 63.								
	These Tracts also have direct diversion water rights (0.81 cfs at 100%) from Clover Creek								
	that are also measured at the parshall flume located at the head of Anderson Swale.								
	25% is subtracted from the Clover Creek Diversion as ditch loss between Diversion #4 and the								
	parshall flume.								
	Example: During July, if the percentage available from Clover Creek is 60%, then the flow								
	at the parshall flume should be as follows:								
		Anderson Swale runoff = 0.14 cfs							
		Direct Diversion = 0.75 x 0.60 x 0.81 = 0.36							
		Total Flow at Parshall = 0.50 cfs							